



# Grand Bayou/GIWW Freshwater Diversion (TE-10)

## Project Status

**Approved Date:** 1996      **Cost:** \$8.2 million  
**Project Area:** 16,164 acres      **Status:** Construction  
**Net Benefit After 20 Years:** 199 acres  
**Project Type:** Hydrologic Restoration

## Location

The project is located in Lafourche Parish, Louisiana, approximately 5 miles southwest of Cut Off and south of Larose. The project area includes part of the Pointe au Chien Wildlife Management Area.

## Problems

St. Louis Canal and the Island Road Borrow Canal have re-routed water exchange westward via Bayou Pointe au Chien to the Bayou Jean LaCroix watershed. Because this area has higher salinities and twice the tidal amplitude as that of the Grand Bayou watershed into which the area should drain, swamps and other salt-sensitive project-area wetlands have suffered substantial deterioration and loss.

## Restoration Strategy

Water exchange to the west through Bayou Pointe au Chien would be halted by installing a major water control structure in Bayou Pointe au Chien. Exchange with the Grand Bayou watershed would be restored by installing new water control structures through the existing levee along the west side of the Grand Bayou/Grand Bayou Canal.

## Progress to Date

In April 2002, the project was downsized based on the results of earlier engineering work. Modeling work has been initiated and is expected to take several years to complete.

This project is on Priority Project List 5.



Deteriorated intermediate marshes within the interior portion of project area.



Browned and stressed marshes within the project area.

*For more project information, please contact:*

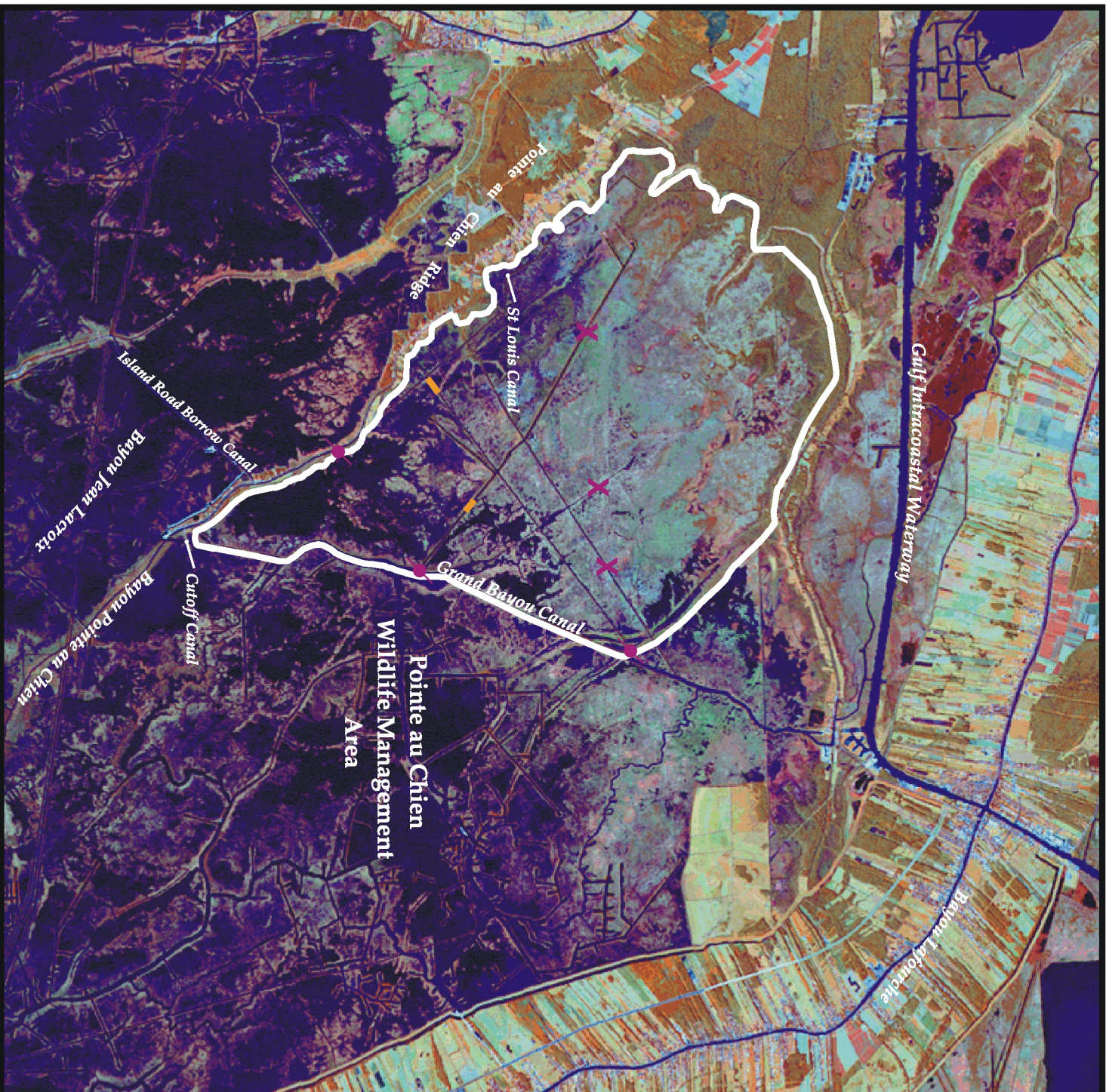


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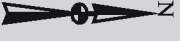
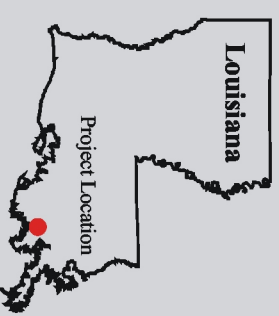


# Grand Bayou/GIWW Freshwater Diversion (TE-10)

- Water Control Structure\*
- X Remove Existing Structure\*
- M Spoil Bank Gapping\*
- Project Boundary

\* denotes proposed feature

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Map Produced By:  
U.S. Department of the Interior  
U.S. Geological Survey  
National Wetlands Research Center  
Coastal Restoration Field Station

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